

# A Level Computer Science

## Exam Style Questions

### *Unit 1.3.3*

### *Networks*

### *Part 3: Network Communication*

Name		Date	
------	--	------	--

Score	Percentage	Grade
<b>/ 18</b>		

## Question 1

TCP/IP uses packet switching. Explain what is meant by packet switching.



[4]

## Question 2

Elegant Bags is a company that makes designer handbags. It has decided it wants to sell its products online.

Elegant Bags puts its website on its servers which are given a public IP address. It also purchases the domain name `elegantbagsonline.co.uk`.

Explain the automated process that takes place that allows customers to access the site when they enter the domain name into their browser.



[3]

### Question 3

Explain **two** advantages of using packet switching instead of circuit switching to send a message between two computer on a network.

Advantage 1

Advantage 2

[4]

### Question 4

Describe what is meant by an IP Address.

[2]

### Question 5

Describe how packet switching is used to transmit data from one computer to another computer on a network.

[5]